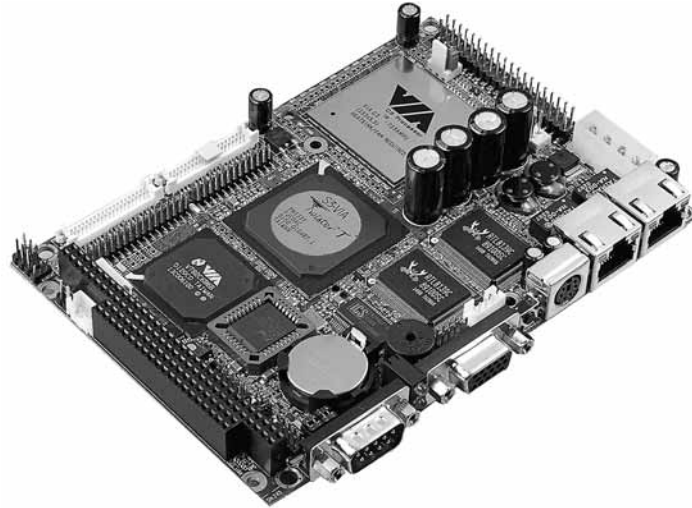


ECM-3610

VIA EDEN ESP6000
Micro Module



FEATURES

- 3.5" FDD size
- VIA Eden ESP6000 (667MHz) EBGA Low-power CPU on-board
- Dual Intel 10/100Base-Tx Fast Ethernet
- 36-bit Flat Panels & Dual-channel LVDS interfaces
- Compact Flash Type I/II Socket
- VIA VT8606 chipset with integrated Savage4 AGP 4X Graphics

Ordering Information

- ECM-3610
VIA Eden ESP6000 667 MHz micro module
- ECM-3610L
Same as above with single 10/100Base-Tx Ethernet

SPECIFICATIONS

General Functions

CPU	Onboard VIA Eden ESP6000 (667 MHz) EBGA Low-power CPU (other speeds available by request)
BIOS	Award 256K Flash BIOS
Chipset	VIA VT8606/VT82C686B
I/O Chipset	VIA VT82C686B
Memory	Onboard one 144-pin SODIMM socket supports up to 512MB SDRAM
Enhanced IDE	Supports two IDE devices. Supports Ultra DMA/100 mode.
FDD interface	Supports two floppy disk drives
Parallel port	Configured to LPT1, LPT2, LPT3 or disabled. Supports SPP, ECP and EPP modes
Serial port	One external DB-9 connector supports 1 x RS-232, one internal header supports RS-232/422/485 x 1.
IR interface	IR connector supports one IrDA Tx/Rx header
KB/Mouse connector	External mini-DIN PS/2 Keyboard/Mouse connector x1
USB connectors	5 x 2 header onboard supports dual USB ports
DMA channels	7
Interrupt levels	15
Watchdog timer	Can generate a system reset, IRQ10/11 or NMI. Software selectable time out interval (2 sec ~ 255 sec., 1sec./step)
Power management	Supports ATX power supply. I/O peripheral devices support power saving and doze/standby/suspend modes APM 1.2 compliant
Expansion interface	One 16-bit PC/104 connector

Flat Panel/CRT

Chipset	VIA VT8606, 128-bit GUI, 3D engine
Display memory	8/16/32MB frame buffer using system memory
Display type	Supports non-interlaced CRT and 36-bit DSTN/ TFT LCD displays. Can display both CRT and flat panel display simultaneously
Resolution	Supports up to 1280 x 1024 @ 24 bpp

Audio Interface

Chipset	VIA VT82C686B
Audio Codec	AD1881A
Audio controller	AC97 ver. 2.0 compliant interface, Multi-stream Direct Sound and Direct Sound 3D acceleration
Audio interface	Mic in, Line in, CD audio in, Line out

Ethernet Interface

Chipset	Dual Realtek 8139C PCI-bus Ethernet controllers PCI
Ethernet interface	10/100 Mbps
Remote boot ROM	For diskless operation

SSD Interface

	One CF socket supports Type I/II Compact Flash Card
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Mechanical and Environmental

Power requirement	+5V @ 2.9A (with VIA Eden 667MHz & 128MB SDRAM)
Operating temperature	0 to 60°C
Board size	146mm x 101mm
Weight	0.4kg